

THIS PROJECT INVOLVES THE RELOCATION OF A SCHOOL HAZARD IDENTIFICATION BEACON ON WESTBOUND MD 256 (DEALE ROAD) APPROACHING TRACEY'S ELEMENTARY SCHOOL IN ANNE ARUNDEL COUNTY, MARYLAND. MD 256 (DEALE ROAD) IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.

THE HAZARD IDENTIFICATION BEACONS WILL OPERATE IN A FLASHING MODE DURING SCHOOL OPENING AND DISMISSAL PERIODS.

THE EXISTING CONTROLLER AND CABINET THAT WAS PREVIOUSLY REMOVED WILL BE USED.

UPON COMPLETION OF THIS PROJECT, THE CONTRACTOR SHALL NOTIFY MR. ROBERT SNYDER OF SHA AT (410) 787-7635 TO ARRANGE FOR THE PHONE LINE INSTALLATION. THE CONTRACTOR IS TO PROVIDE MR. SNYDER THE NEAREST STREET ADDRESS, ZIP CODE, AND PHONE NUMBER.

THE FOLLOWING TRAFFIC CONTROL STANDARDS SHALL BE REFERENCED FOR THE PROJECT.
ADDITIONAL TRAFFIC CONTROL STANDARDS MAY BE USED AS DIRECTED BY THE ENGINEER.

STANDARD NO. MD-104.04-01 (SHOULDER WORK)
STANDARD NO. MD-104.04-05 (RIGHT LANE CLOSURE)

THE CONTACT PERSONS FOR SHA ARE AS FOLLOWS:

MS. KIMBERLY TRAN
ASSISTANT DISTRICT ENGINEER - TRAFFIC
PHONE: (410) 841-1019

MR. JOHN S. MAYS
DISTRICT UTILITY ENGINEER
PHONE: (410) 841-1039

MR. CHUCK E. GEORGE
ASSISTANT DISTRICT ENGINEER - MAINTENANCE
PHONE: (410) 841-1013

MR. RICHARD L. DAFF, SR.
CHIEF, TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7630

A. EQUIPMENT TO BE SUPPLIED BY THE SHA

30 S.F.

SHEET ALUMINUM SIGNS TO CONSIST OF :

-	1 EACH	S1-1 SIGN (36 IN. x 36 IN.), S4-3 SIGN (36 IN. x 12 IN.), S4-4(1) SIGN (36 IN. x 36 IN.) - POLE MOUNT
-	1 EACH	W3-1a (36 IN. x 36 IN.) - GROUND MOUNT

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR

1 EACH

MAINTENANCE OF TRAFFIC

TEST PIT EXCAVATION

CONCRETE FOR SIGNAL FOUNDATION

INSTALL PEDESTAL POLE - ANY SIZE

WOOD SIGN SUPPORTS 2 INCH x 4 INCH

WOOD SIGN SUPPORTS 4 INCH x 6 INCH

NO. 6 A.W.G. STRANDED BARE COPPER GROUND WIRE

2 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED

3 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED

4 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED

METERED SERVICE PEDESTAL

ELECTRICAL CABLE - 1 CONDUCTOR NO. 4 A.W.G - THHN/THWN

FURNISH AND INSTALL ELECTRICAL HANDHOLE

INSTALL GROUND MOUNTED SIGN

GROUND ROD - 3/4 INCH DIAMETER x 10 FOOT LENGTH

12 INCH LED VEHICULAR TRAFFIC SIGNAL HEAD SECTION

ELECTRICAL CABLE - 3 CONDUCTOR (NO. 14 A.W.G.)

INSTALL CONTROLLER AND CABINET - POLE MOUNT

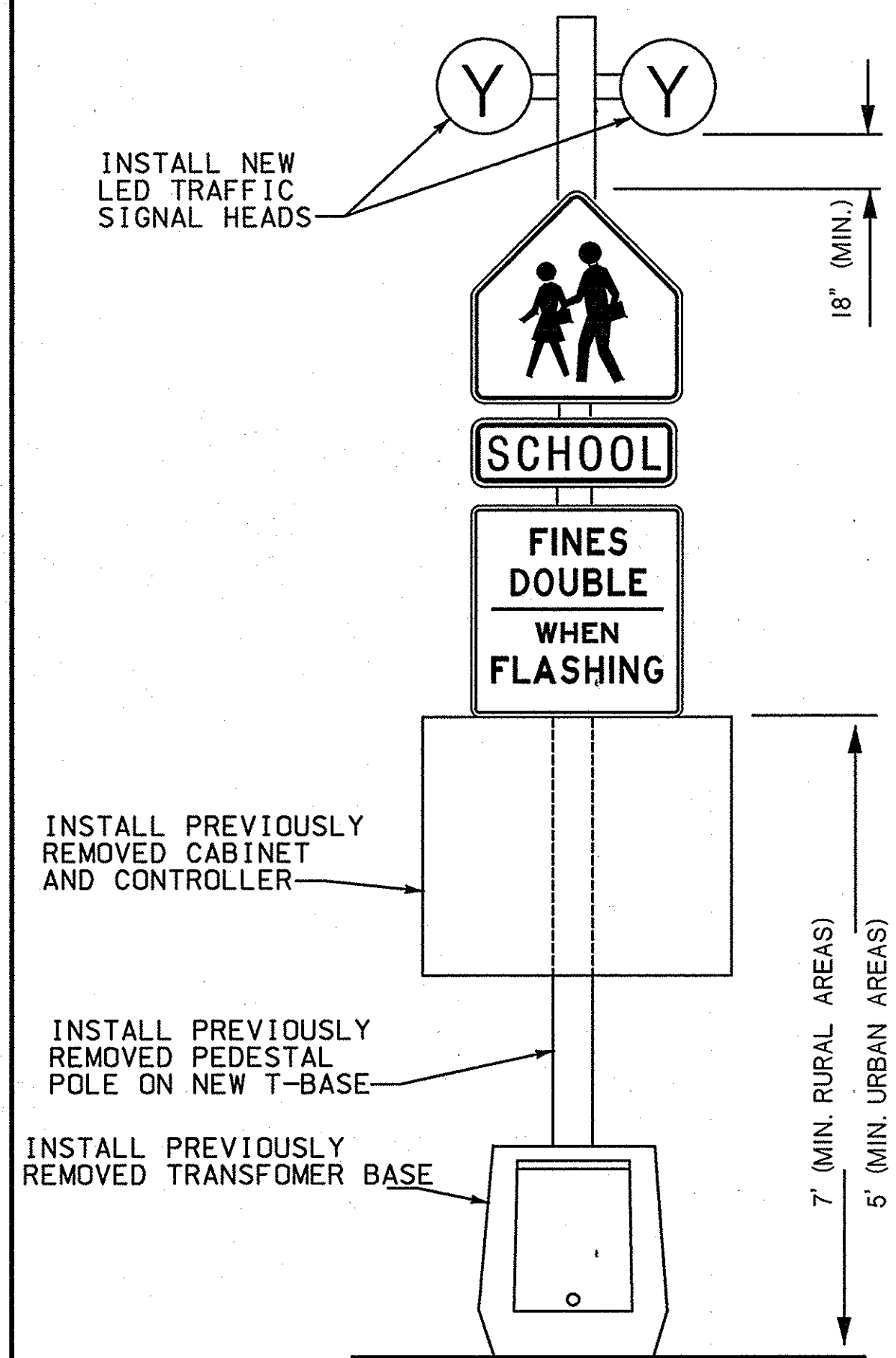
~~RELOCATE EXISTING GROUND MOUNTED SIGN~~

~~BREAKAWAY TRANSFORMER BASE~~

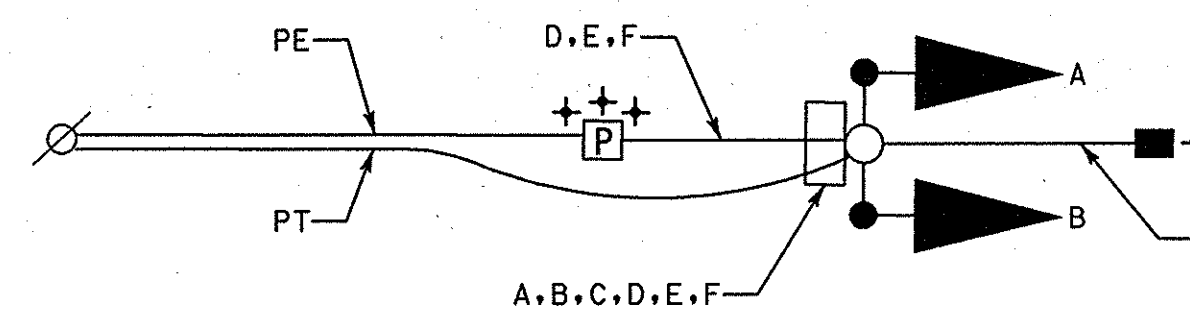
C. EQUIPMENT TO BE REMOVED AND RETURNED TO SHA

ALL REMOVED SIGNAL MATERIALS SHALL BECOME PROPERTY OF THE CONTRACTOR

INSTALL NEW
LED TRAFFIC
SIGNAL HEADS.



NOT TO SCALE



A } 3-CONDUCTOR ELECTRICAL
B } CABLE (NO. 14 A.W.G.)
C } STRANDED BARE COPPER
D } GROUND WIRE (NO. 6 A.W.G.)
E }
F }

PT - PROPOSED UNDERGROUND
TELEPHONE SERVICE
PE - PROPOSED UNDERGROUND
ELECTRICAL SERVICE
+ - 3/4 IN. X 10 FT. GROUND ROD



WR&A

Whitman, Requardt and Associates, LLP
Engineers, Architects and Planners

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410-235-3450



SHA

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 256 (Deale Road) and Tracey's Elementary School
School Hazard Identification Beacon

SCALE NONE DATE 9/24/2007 CONTRACT NO. G02011398

DESIGNED BY	S. Bloss	COUNTY	Anne Arundel
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DRAWN BY	S Bloss	LOGMILE	02025600.00
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CHECKED BY N Leary TMS NO 1579

CHECKED BY ALCOB TIME POST 1010
FAP NO. _____ TOR NO. _____

7A NO. _____	7B NO. _____
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TS NO. 4087 B	DRAWING	OF	SHEET NO. 2 OF 2
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